



FIG. 1

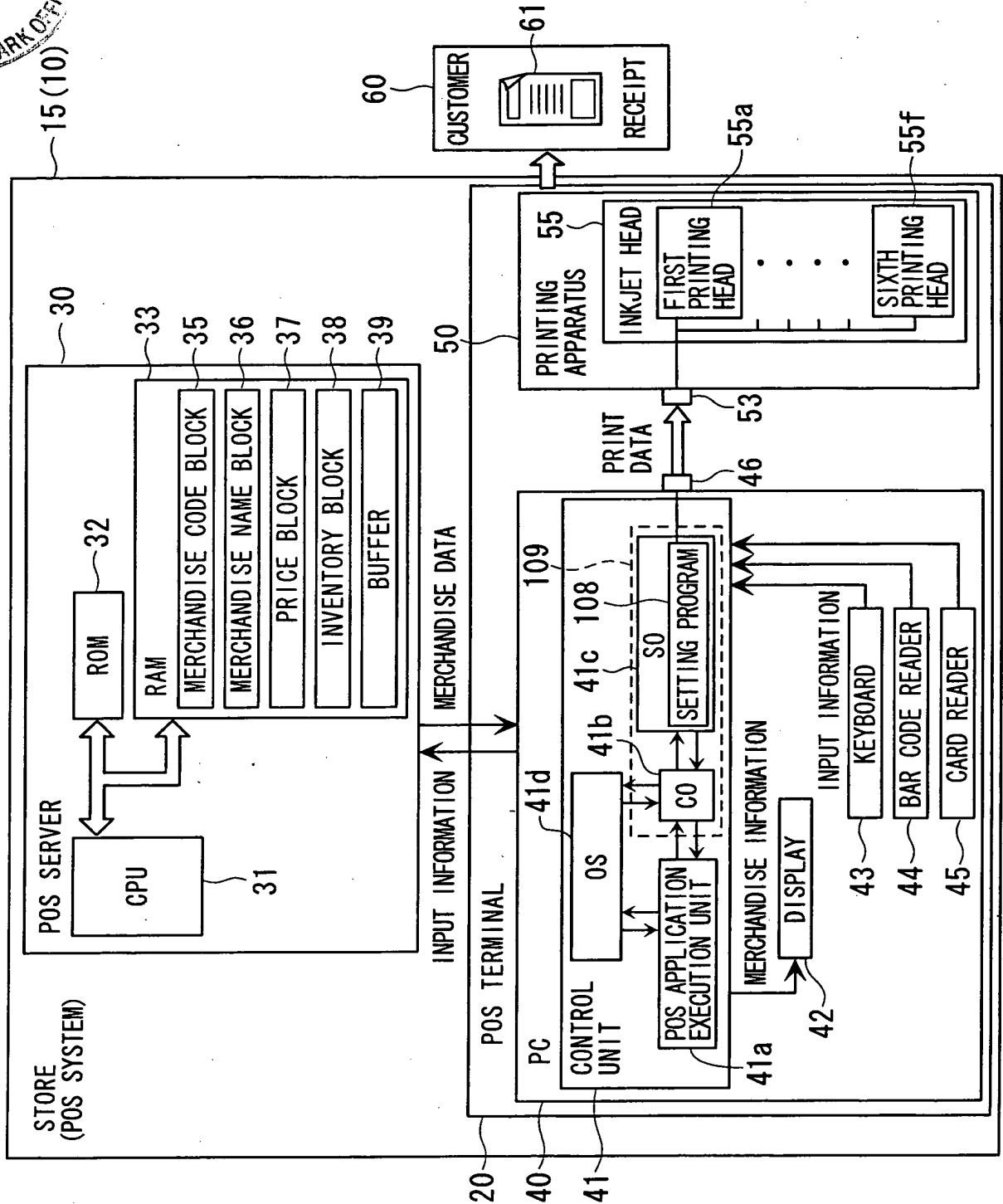


FIG. 2A

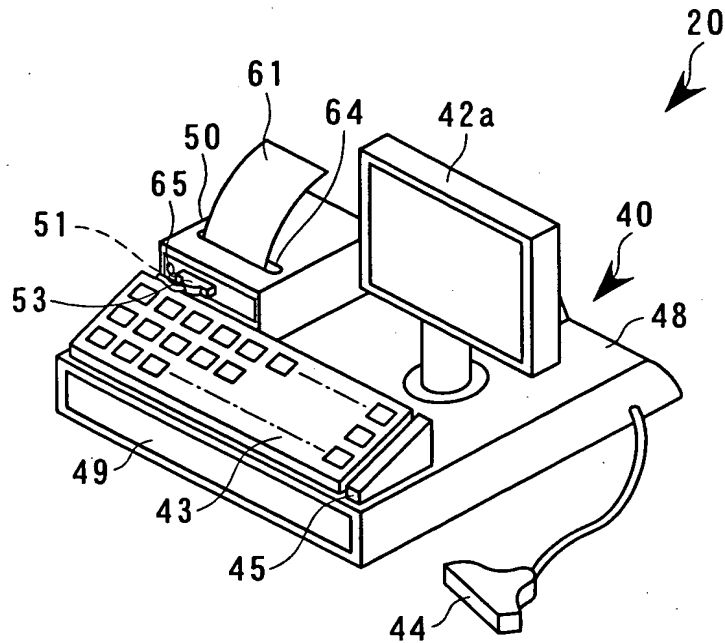
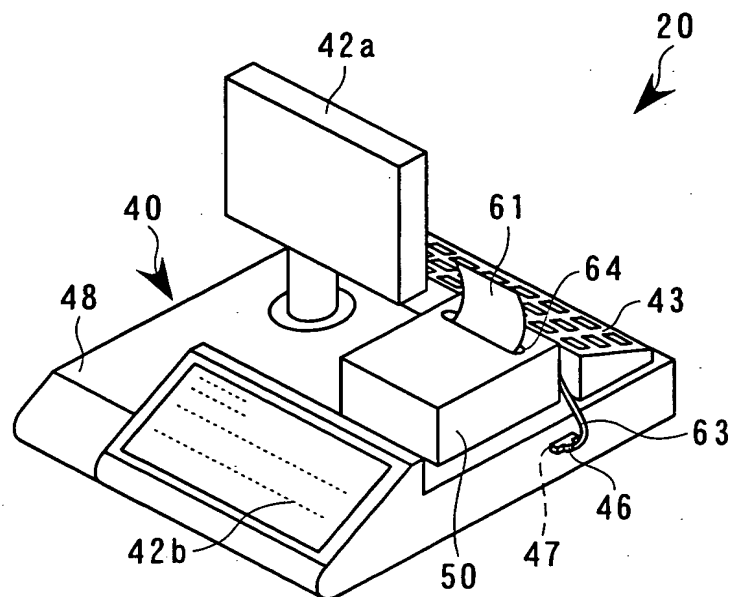


FIG. 2B



### FIG. 3

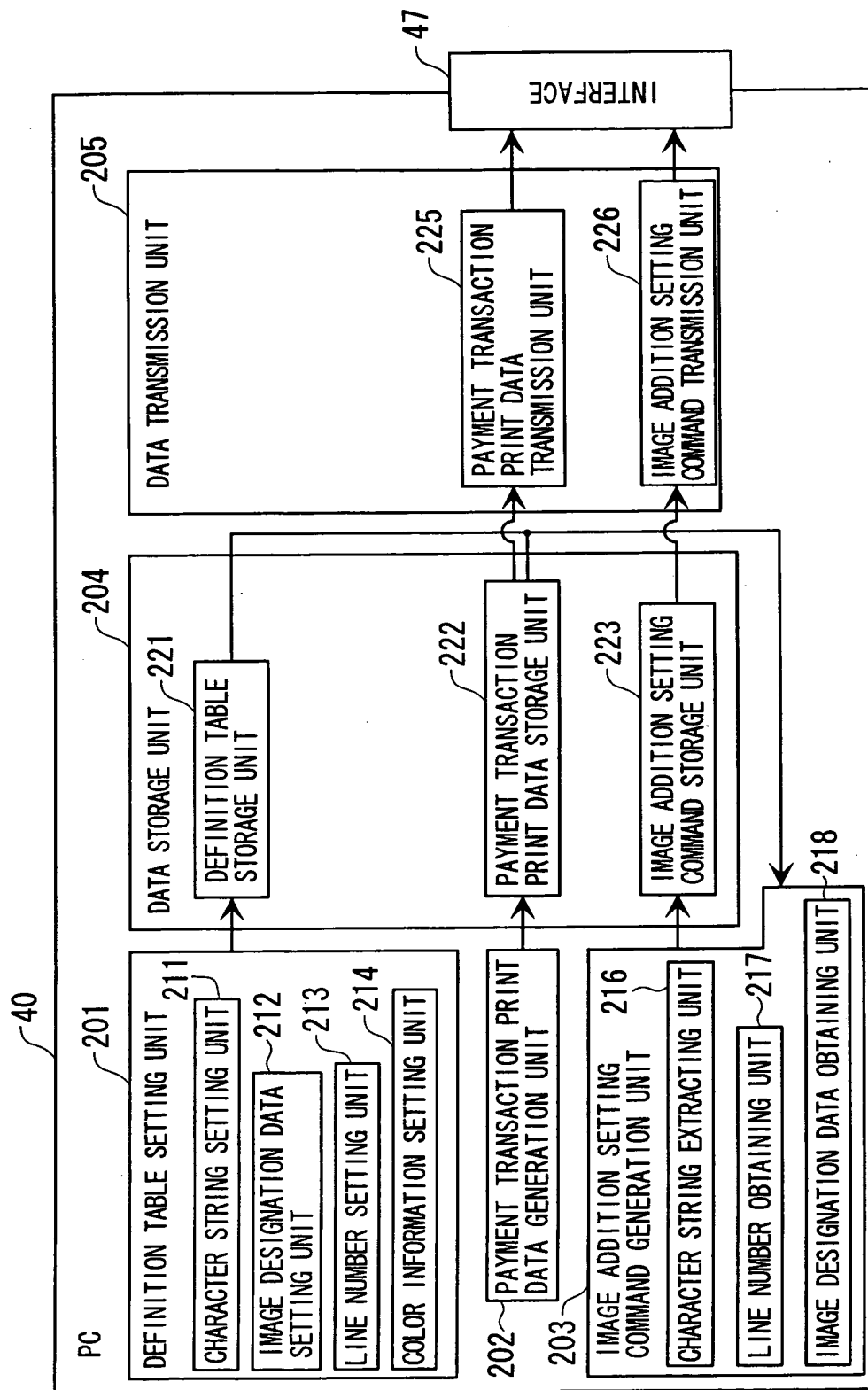


FIG. 4

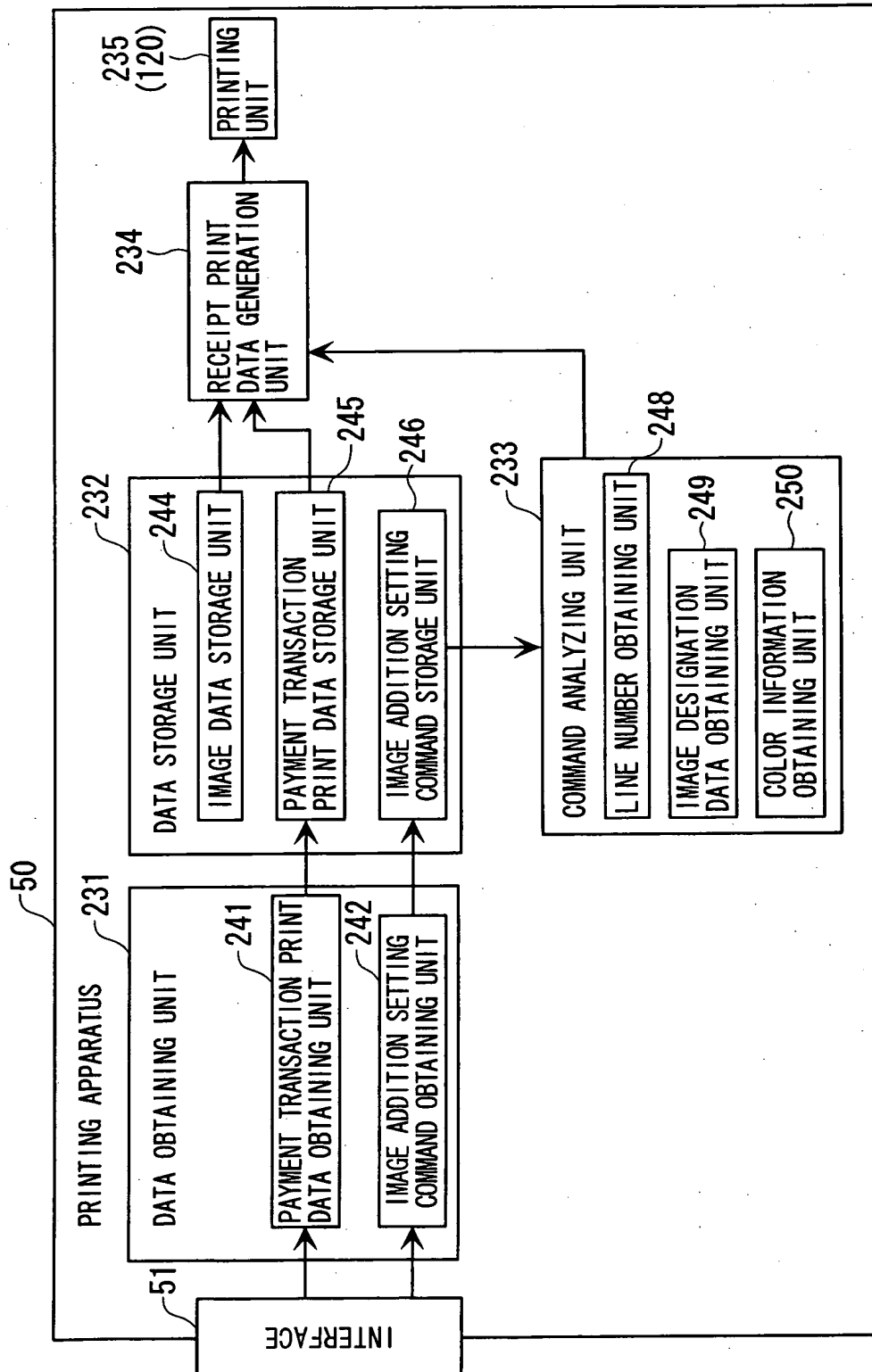


FIG. 5

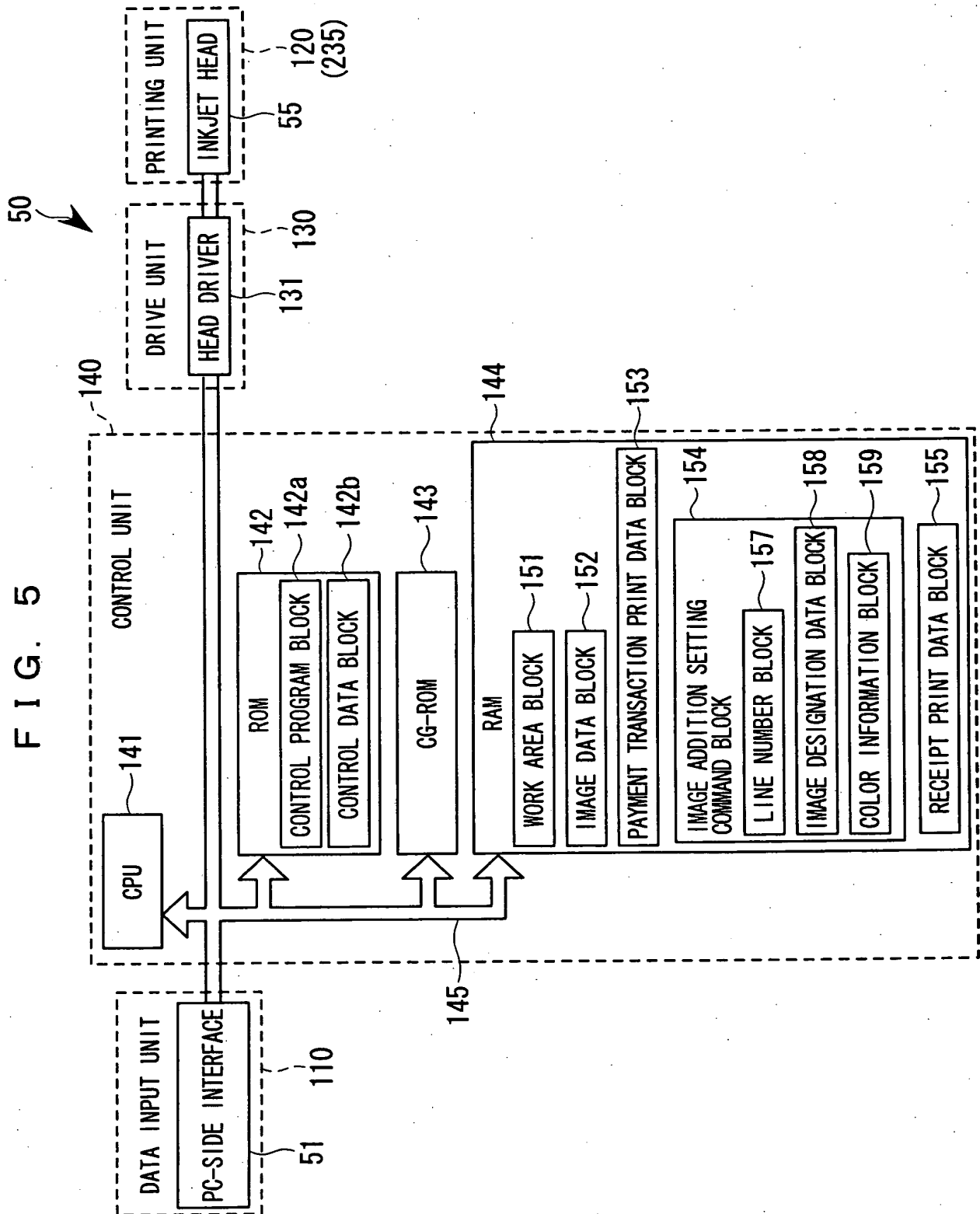


FIG. 6

300

BASIC DEFINITION TABLE IMAGE DATA REGISTRATION

• CHARACTER STRING SETTING

START CHARACTER STRING      END CHARACTER STRING

RECEIPT 301      SHOPPING 302

• IMAGE DESIGNATION DATA SETTING

FILE      C:\fire.jpg 304      REGISTERED FILE LIST

ID      U2 305      U0/C:hana.jpg 303

U1/C:ami.jpg

• LINE NUMBER SETTING

START CHARACTER STRING ☒ INCLUDED ☐ NOT INCLUDED

END CHARACTER STRING ☒ INCLUDED ☐ NOT INCLUDED

• COLOR SETTING

☒ DESIGNATED      ☐ NOT DESIGNATED

Red 306

OK 307

FIG. 7

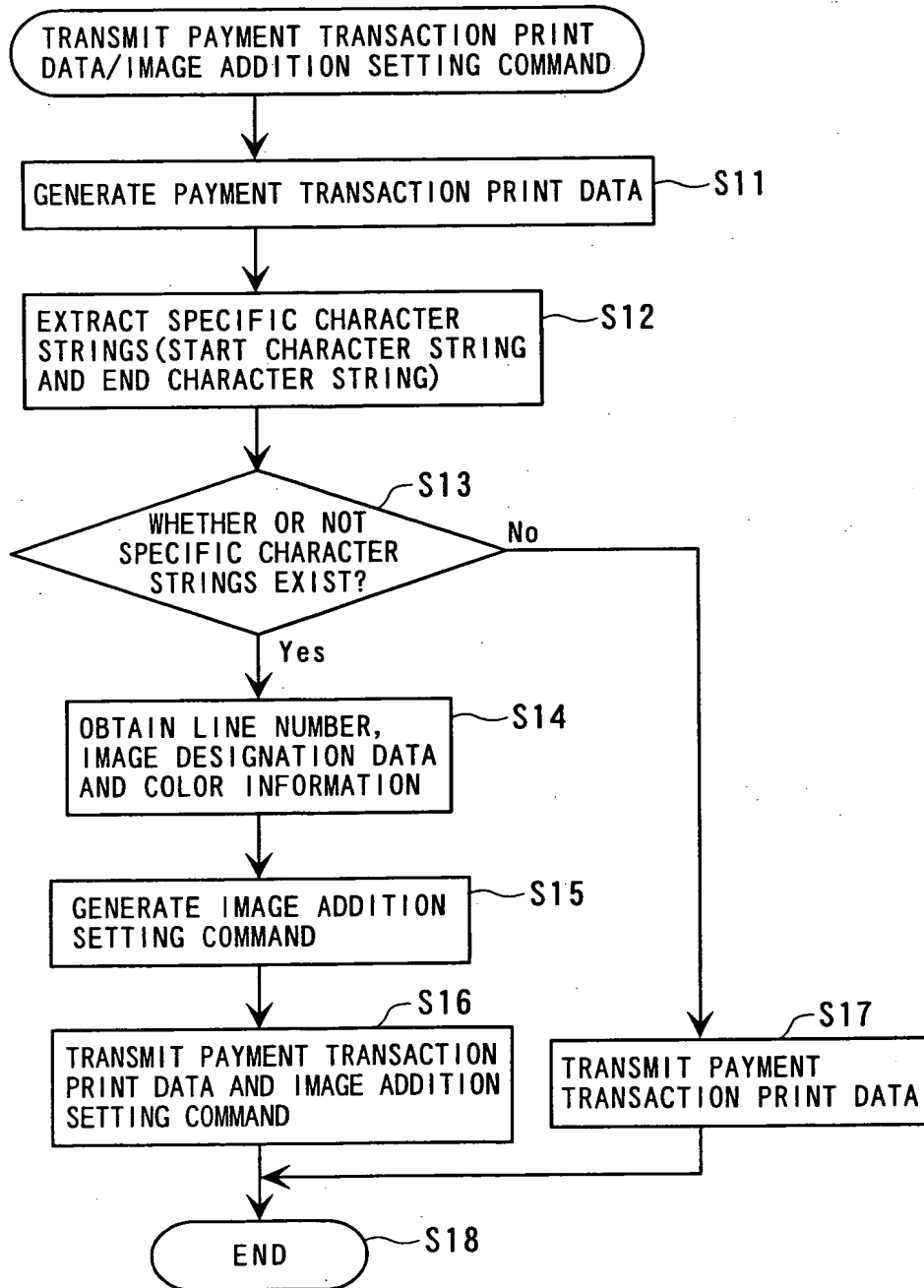


FIG. 8

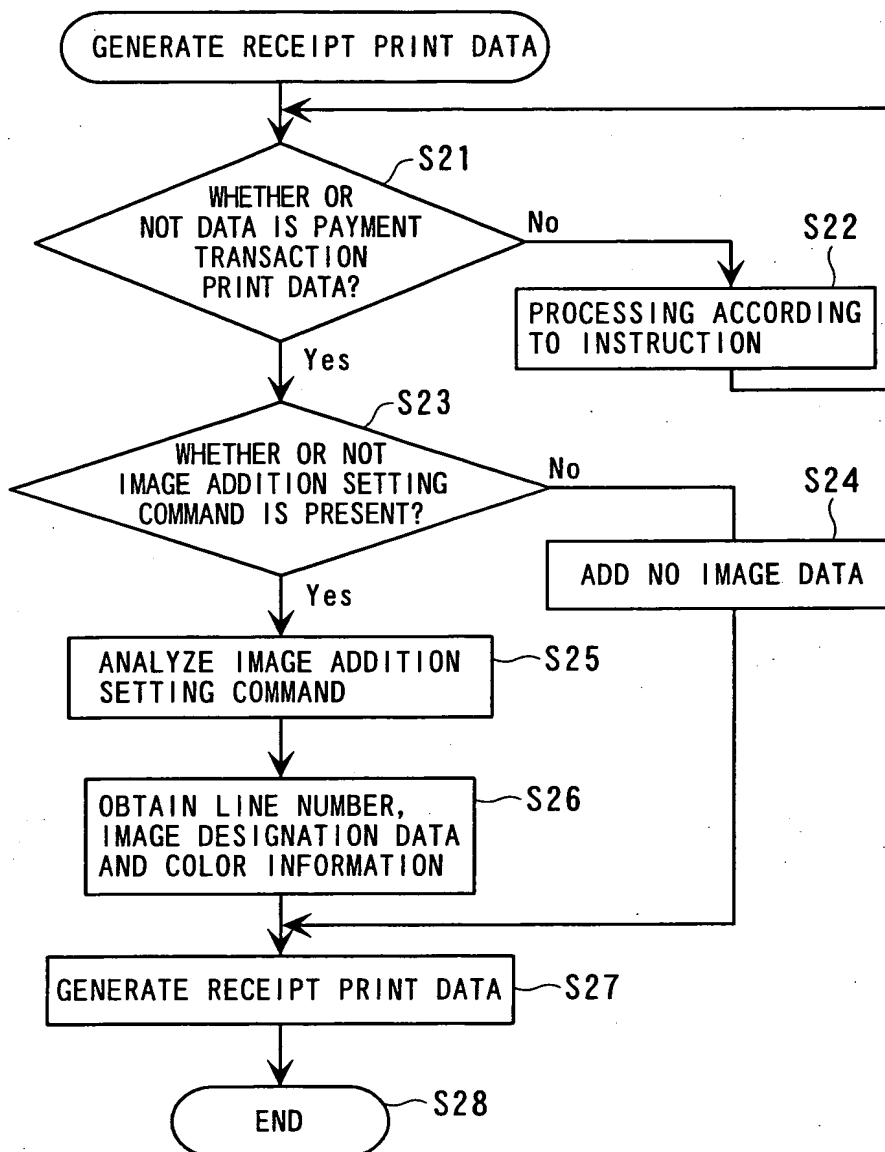




FIG. 9

<PRINT EXAMPLE 1>

DEFINITION TABLE

ITEM No.	START CHARACTER STRING	LINE NUMBER SETTING	END CHARACTER STRING	LINE NUMBER SETTING	IMAGE DESIGNATION DATA (IMAGE DESIGNATION No.)	COLOR DESIGNATION (COLOR DESIGNATION No.)
1	RECEIPT	1	SHOPPING	1	U2/C:fire.jpg(02)	Red

RESULT OF OBTAINED DATA

IMAGE DESIGNATION DATA (IMAGE DESIGNATION No.)	START LINE NUMBER	END LINE NUMBER	COLOR DESIGNATION
02	x1	x2	2

FIG. 10A

<PRINT EXAMPLE 2>  
 DEFINITION TABLE

ITEM No.	START CHARACTER STRING	LINE NUMBER SETTING	END CHARACTER STRING	LINE NUMBER SETTING	IMAGE DESIGNATION DATA (IMAGE DESIGNATION No.)	COLOR DESIGNATION (COLOR DESIGNATION No.)
1	FIRE MARK	1	RECEIPT	0	U0/C:hana.jpg	NONE
2	Thank You	1	SHOPPING	1	U0/C:hana.jpg	NONE

RESULT OF OBTAINED DATA

IMAGE DESIGNATION DATA (IMAGE DESIGNATION No.)	START LINE NUMBER	END LINE NUMBER	COLOR DESIGNATION (COLOR DESIGNATION No.)	START LINE NUMBER	END LINE NUMBER	COLOR DESIGNATION (COLOR DESIGNATION No.)
00	x1	x2	0	x3	x2	0

FIG. 10B

<PRINT EXAMPLE 2>  
 DEFINITION TABLE

ITEM No.	START CHARACTER STRING	LINE NUMBER SETTING	END CHARACTER STRING	LINE NUMBER SETTING	IMAGE DESIGNATION DATA (IMAGE DESIGNATION No.)	COLOR DESIGNATION (COLOR DESIGNATION No.)
1	FOOD	1	CATEGORY TOTAL	1	U3/C:shoku.jpg	NONE
2	COMMODITY	1	CATEGORY TOTAL	1	U4/C:nichi.jpg	NONE
3	DRUGS	1	CATEGORY TOTAL	1	U5/C:iyaku.jpg	NONE

RESULT OF OBTAINED DATA

IMAGE DESIGNATION DATA (IMAGE DESIGNATION No.)	START LINE NUMBER	END LINE NUMBER	COLOR DESIGNATION (COLOR DESIGNATION No.)
03	x1	x2	0
04	x3	x4	0
05	x5	x6	0

<PRINT EXAMPLE 1>

FIG. 11A

ESC I n1, n2, n3, n4  
IMAGE ADDITION      PARAMETER  
SETTING COMMAND

n1: IMAGE DESIGNATION DATA  
      (IMAGE DESIGNATION NO.)=fire(02)  
n2: START LINE NUMBER=x1  
n3: END LINE NUMBER=x2  
n4: COLOR INFORMATION  
      (COLOR DESIGNATION No.)=Red(2)

FIG. 11B

n2=\* \* \* \*, \* \* \* \*  
          ↑  
          START LINE NUMBER(1-128)  
LINE NUMBER SETTING  
1=INCLUDED  
0=NOT INCLUDED

## FIG. 12A

〈PRINT EXAMPLE 2〉

ESC I n1, {n2, n3, n4}, {n5, n6, n7}

n1: IMAGE DESIGNATION DATA

(IMAGE DESIGNATION No.)=hana(00)

n2: START LINE NUMBER=x1

n3: END LINE NUMBER=x2

n4: COLOR INFORMATION

(COLOR DESIGNATION No.)=NONE(0)

n5: START LINE NUMBER=x3

n6: END LINE NUMBER=x4

n7: COLOR INFORMATION

(COLOR DESIGNATION No.)=NONE(0)

## FIG. 12B

〈PRINT EXAMPLE 3〉

ESC I {n1, n2, n3, n4}, {n5, n6, n7, n8}, ...

n1: IMAGE DESIGNATION DATA

(IMAGE DESIGNATION No.)=shoku(03)

n2: START LINE NUMBER=x1

n3: END LINE NUMBER=x2

n4: COLOR INFORMATION

(COLOR DESIGNATION No.)=NONE(0)

n5: IMAGE DESIGNATION DATA

(IMAGE DESIGNATION No.)=nichi(04)

n6: START LINE NUMBER=x3

n7: END LINE NUMBER=x4

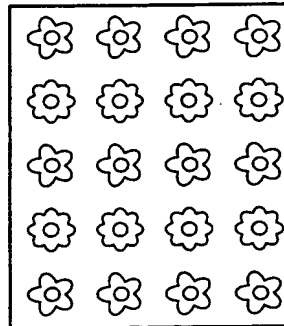
n8: COLOR INFORMATION

(COLOR DESIGNATION No.)=NONE(0)

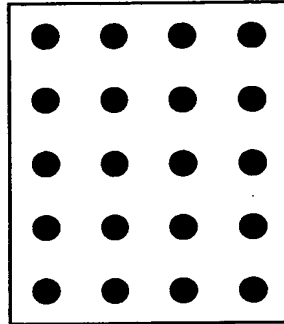
FIG. 13

IMAGE DATA

「FLOWER PATTERN」  
U0/C:hana.jpg



「DOT PATTERN」  
U1/C:ami.jpg



「FIRE PATTERN」  
U2/C:fire.jpg

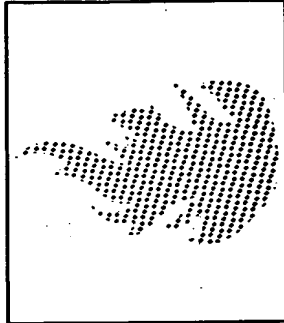


FIG. 14

〈PRINT EXAMPLE 1〉

61

START CHARACTER STRING  
(LINE NUMBER「×1」)

END CHARACTER STRING  
(LINE NUMBER「×2」)

PRINT COLOR  
(Red)

**FIRE MARK**

TEL: XX-XXXX-XXXX  
JULY 20(Sat), 2002 15:30

**RECEIPT**

FRIED EGG	¥200
TISSUE PAPER	¥450
MEDICAL PLASTER	¥500
RICE (10.0Kg)	¥4,500
LOIN OF BEEF	¥800
EGGPLANTS	¥300
POTATOES	¥250
SHREDDED PORK	¥400
SALMON CAVIAR	¥1,200
BANDAGE	¥400
-----	
SUBTOTAL	¥9,000
CONSUMPTION TAX (5.0%)	¥450
TOTAL	¥9,450

Thank You!

THANK YOU VERY MUCH  
FOR SHOPPING WITH US

FIG. 15

61  
↓  
<PRINT EXAMPLE 2>

START CHARACTER  
STRING  
(LINE NUMBER「×1」)

END CHARACTER  
STRING  
(LINE NUMBER「×2」)

START CHARACTER  
STRING  
(LINE NUMBER「×3」)

END CHARACTER  
STRINGS  
(LINE NUMBER「×4」)

FIRE MARK	
TEL: X X - X X X X - X X X X	
JULY 20 (Sat), 2002 15:30	
RECEIPT	
FRIED EGG	¥200
TISSUE PAPER	¥450
MEDICAL PLASTER	¥500
RICE (10.0Kg)	¥4,500
LOIN OF BEEF	¥800
EGGPLANTS	¥300
POTATOES	¥250
SHREDDED PORK	¥400
SALMON CAVIAR	¥1,200
BANDAGE	¥400
-----	
SUBTOTAL	¥9,000
CONSUMPTION TAX (5.0%)	¥450
TOTAL	¥9,450
Thank You!	
THANK YOU VERY MUCH FOR SHOPPING WITH US	

FIG. 16

<PRINT EXAMPLE 3>

START CHARACTER  
STRING  
(LINE NUMBER「×1」)

END CHARACTER  
STRING  
(LINE NUMBER「×2」)

START CHARACTER  
STRING  
(LINE NUMBER「×3」)

END CHARACTER  
STRING  
(LINE NUMBER「×4」)

START CHARACTER  
STRING  
(LINE NUMBER「×5」)

END CHARACTER  
STRING  
(LINE NUMBER「×6」)

<b>FIRE MARK</b>	
TEL: ××-××××-××××	
JULY 20 (SAT), 2002 15:30	
<b>RECEIPT</b>	
<b>FOOD</b>	
FRIED EGG	¥200
RICE (10.0Kg)	¥4,500
LOIN OF BEEF	¥800
EGGPLANTS	¥300
POTATES	¥250
SHREDDED PORK	¥400
SALMON CAVIAR	¥1,200
(CATEGORY TOTAL)	¥7,650
<b>COMMODITY</b>	
TISSUE PAPER	¥450
(CATEGORY TOTAL)	¥450
<b>DRUGS</b>	
MEDICAL PLASTER	¥500
BANDAGE	¥400
(CATEGORY TOTAL)	¥900
SUBTOTAL ¥9,000	
CONSUMPTION TAX (5.0%) ¥450	
TOTAL ¥9,450	
Thank You!	
THANK YOU VERY MUCH FOR SHOPPING WITH US	

61

IMAGE DATA  
「U3/C:shoku.jpg」

IMAGE DATA  
「U4/C:nichi.jpg」

IMAGE DATA  
「U5/C:iyaku.jpg」



# FIG. 17

## PRIOR ART

### <CONVENTIONAL EXAMPLE>

<b>FIRE MARK</b>	
TEL: XX-XXXX-XXXX	
July 20 (sat), 2002 15:30	
<b>RECEIPT</b>	
FRIED EGG	¥200
TISSUE PAPER	¥450
MEDICAL PLASTER	¥500
RICE (10.0Kg)	¥4,500
LOIN OF BEEF	¥800
EGGPLANTS	¥300
POTATOES	¥250
SHREDDED PORK	¥400
SALMON CAVIAR	¥1,200
BANDAGE	¥400
-----	
SUBTOTAL	¥9,000
CONSUMPTION TAX (5.0%)	¥450
TOTAL	¥9,450
<b>Thank You!</b>	
THANK YOU VERY MUCH FOR SHOPPING WITH US	

ACCOUNTING PRINT DATA  
(MERCHANDISE DATA)